







DEEP SEA ELECTRONICS

- is a powerful, new generation auto start genset control module with a
- highly sophisticated level of new features and functions, presented in the usual DSE user-friendly format. Suitable for a wide variety of single, diesel or gas Gen-set applications.

SMARTGEN

Automatic Battery Charger

- Design in switching power structure, wide range of AC voltage input, small volume light weight, and high efficiency;
- Two stage charging method (constant current firstly and then constant voltage), fully considering charging property of the lead acid battery, can avoid overcharging and extend battery life to the fullest, With short circuit and reverse connection protection.

SWG

Genset Starting Battery

- High Performance Generator Sets Battery
- Maintenance Free
- Nano-Technology, reducing the possibility of batteries catching fire for providing less flammable electrode material.
- Increasing the available power from a battery and decreasing the time required to recharged a battery.





Color and Design may vary*

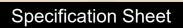
BODY CONSTRUCTION

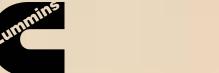
Genset Enclosure

- Sound Proof / Weather Proof Steel enclosure
- with polyester power coated enamel Special
- integrated steel skid base tank with enamel paint
- Emergency push stop button, mounted on Enclosure exterior.
- Steel locks and hinges
- Large residential muffler for silent operation
- Safely enclosed exhaust silencing system
- Genset Mobile Trail Type (Optional)

paguita St., 1972 - Las Piñas City

PGS-1-150-C current







GENERATOR SET

Engine Cummins 6BT5.9-G2 Speed 1800rpm Speed Control Type Electronically Good for 8 Hours **Fuel Tank Capacity**

Alternator Stamford Technology Frequency 60Hz Connection Mode 2/ Single Phase

Weight &

Dimension

980 Kgs L 295 x H 165 x W 110 cm

Stand By Prime Power 120 kw/ 150kva **Power Rating** 90 kw/ 112kva Starting Voltage 24_V 208v/120v 220v/127v 240v/139v 380v/220v 440v/254v 480v/277v Voltage Available Type Silent

ENGINE

Number of Cylinders 6 inline Fuel Type Diesel Bore x Stroke 102×120

Aspiration Turbo-charged Combustion Type **Direct Injection** Compression Ratio 17.3:1

Cycle Cooling Type Water Cooled Displacement 5.9 L

ALTERNATOR

Insulation Class "H"

Excitation Type Self-Excitation or PMG

Protection Class lp23

CERTIFICATES

ISO 3046, BS 5514, Engine DIN 6271

UTE NFC 51-111-105-110 Alternator ICE34-1, BS 5000-4999

NEMA MG 21, VDE 0530

ISO 8528

PRIME POWER: ratings are as per DIN 6271, Bs55114 and ISO-3046 with 10% overload capacity

STANDBY POWER: Power at variable load for up to max. of 500 hours during one year of which 300 hours may be for continues use

Operation at Altitude 1500m, Ambient temperature 40°C. if altitude higher than 1500m, each 100m will cost additional de-rating 1%

